

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("6233413").PN.	USPAT	OR	OFF	2007/07/20 09:05
L2	13	clean\$4 and (probe near2 pins) with (circuit near3 board)	USPAT	OR	ON	2007/07/20 09:07
L3	1	clean\$4 same (probe near2 pins) with (circuit near3 board)	USPAT	OR	ON	2007/07/20 10:42
L4	1	("4902350").PN.	USPAT	OR	OFF	2007/07/20 10:42
L5	1	("3900339").PN.	USPAT	OR	OFF	2007/07/20 10:43
L6	1	("3710450").PN.	USPAT	OR	OFF	2007/07/20 10:43
L7	1	("5733420").PN.	USPAT	OR	OFF	2007/07/20 10:44
L8	1	("6391067").PN.	USPAT	OR	OFF	2007/07/20 10:44
L9	1588	((COMPARTMENT OR CHAMBER OR CONTAINER OR RECEPTACLE OR VESSEL OR TUB OR WASHTUB OR TANK OR BASIN OR BATH OR BOWL OR SINK ) NEAR6 (supersonic\$4 or ultrasonic\$4 or megasonic\$4 or supersonic\$4 or ultrasound\$4 or sonic\$4 or vibrat\$4 or oscillator or transducer or piezoelectric\$4)) and ((COMPARTMENT OR CHAMBER OR CONTAINER OR RECEPTACLE OR VESSEL OR TUB OR WASHTUB OR TANK OR BASIN OR BATH OR BOWL OR SINK ) NEAR5 ( WATER OR LIQUID OR SOLVENT OR SOLUTION OR ALCOHOL or sterilant or disinfectant)) and ((stand or RACK OR TRAY OR SUPPORT\$4 or holder or suspended) near5 (immers\$4 or submerg\$4 or dipped or dip\$4 or dipping or soak\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/20 10:47
L10	43109	((stand or RACK OR TRAY OR SUPPORT\$4 or holder or suspended) near5 (raised or lowered or lift\$4 or adjust\$4 or up or upward\$4 or down\$4)) and ((WATER OR LIQUID OR SOLVENT OR SOLUTION OR ALCOHOL or sterilant or disinfectant) near5 (wash\$4 or clean\$4 or decontaminat\$4 or steriliz\$4 or disinfect\$4 or santiz\$4) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/20 10:48

## EAST Search History

L11	220	9 and 10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/20 11:21
S1	530	(134/184).CCLS.	USPAT	OR	OFF	2007/07/19 09:31
S2	488	(134/201).CCLS.	USPAT	OR	OFF	2007/07/19 09:34
S3	1102	clean\$4 and pin and ultrasonic and (UV or ultraviolet)	USPAT	OR	ON	2007/07/19 13:21
S4	1452	clean\$4 and pin and ultrasonic and (UV or ultraviolet or irradiat\$4)	USPAT	OR	ON	2007/07/19 09:35
S5	0	clean\$4 same pin same ultrasonic same (UV or ultraviolet or irradiat\$4) with circuit	USPAT	OR	ON	2007/07/19 09:36
S6	0	S1 and (clean\$4 same pin same ultrasonic same (UV or ultraviolet or irradiat\$4))	USPAT	OR	ON	2007/07/19 09:58
S7	0	S2 and (clean\$4 same pin same ultrasonic same (UV or ultraviolet or irradiat\$4))	USPAT	OR	ON	2007/07/19 09:36
S8	2546	clean\$4 and pin and ultrasonic and (UV or ultraviolet)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/19 09:59
S9	27	S1 and (clean\$4 same ultrasonic same (UV or ultraviolet or irradiat\$4))	USPAT	OR	ON	2007/07/19 11:47
S10	862	clean\$4 and pin and ultrasonic and (UV or ultraviolet) and ((ethyl near3 alcohol) or ethanol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/19 11:52
S11	303	(134/135).CCLS.	USPAT	OR	OFF	2007/07/19 11:48
S12	0	S11 and ultrasonic and ultraviolet	USPAT	OR	ON	2007/07/19 11:48
S13	23	S11 and ultrasonic	USPAT	OR	ON	2007/07/19 11:49
S14	862	clean\$4 and pin and ultrasonic and (UV or ultraviolet) and ((ethyl near3 alcohol) or ethanol)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/19 11:53
S15	314	clean\$4 and pin and ultrasonic and (UV or ultraviolet) and ((ethyl near3 alcohol) or ethanol)	USPAT	OR	ON	2007/07/19 11:53
S16	1	("20040134516").PN.	US-PGPUB; USPAT	OR	OFF	2007/07/19 13:20
S17	1	("6019663").PN.	US-PGPUB; USPAT	OR	OFF	2007/07/19 13:20

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S18	1	("20040020514").PN.	US-PGPUB; USPAT	OR	OFF	2007/07/19 13:20
S19	17	clean\$4 and (probe near3 pin) and ultrasonic and (UV or ultraviolet)	USPAT	OR	ON	2007/07/19 13:23
S20	1	("6651680").PN.	US-PGPUB; USPAT	OR	OFF	2007/07/19 13:24
S24	1	("5337446").PN.	USPAT	OR	OFF	2007/07/19 13:57
S25	13961	ultrasonic and ((ethyl near5 alcohol or ethanol))	USPAT	OR	ON	2007/07/19 13:28
S26	9	S25 and (probe near4 pins)	USPAT	OR	ON	2007/07/19 13:29
S27	4	("20030076649"   "5574291"   "6150191"   "6885146").PN. OR ("7180108").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/19 13:50
S32	1	("4028135").PN.	USPAT	OR	OFF	2007/07/19 13:58
S33	303	(134/135).CCLS.	USPAT	OR	OFF	2007/07/19 15:00
S34	23	S33 and ultrasonic	USPAT	OR	ON	2007/07/19 15:01
S36	8264	ultrasonic and vibrat\$4 and oscillat\$4	USPAT	OR	ON	2007/07/19 15:08
S37	10	(ultrasonic near3 clean\$4) and vibrat\$4 and (oscillat\$4 near5 outside)	USPAT	OR	ON	2007/07/19 15:12
S38	229	(probe near2 pin) and clean\$4 and support	USPAT	OR	ON	2007/07/19 15:45
S39	341	S1 and ultrasonic	USPAT	OR	ON	2007/07/19 16:15
S40	37	S2 and ultrasonic	USPAT	OR	ON	2007/07/19 15:46
S41	1	S39 and (probe near3 pin)	USPAT	OR	ON	2007/07/19 16:37
S46	1	("2327787").PN.	USPAT	OR	OFF	2007/07/19 16:55
S47	72	(UV or (ultraviolet)) and clean\$4 and (probe near3 pins)	USPAT	OR	ON	2007/07/19 17:08
S48	3	(UV or (ultraviolet)) same clean\$4 same (probe near3 pins)	USPAT	OR	ON	2007/07/19 17:09
S49	1	(UV or (ultraviolet)) same irradiat\$4 same (probe near3 pins)	USPAT	OR	ON	2007/07/19 17:09
S50	94	(UV or (ultraviolet)) same clean\$4 same (circuit near3 boards)	USPAT	OR	ON	2007/07/19 17:10
S51	1	("6791099").PN.	USPAT	OR	OFF	2007/07/19 17:07
S52	1	("6343400").PN.	USPAT	OR	OFF	2007/07/19 17:08
S53	1	("6217665").PN.	USPAT	OR	OFF	2007/07/19 17:08
S54	1	("20010017142").PN.	US-PGPUB; USPAT	OR	OFF	2007/07/19 17:08

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S55	185	(UV or (ultraviolet)) and clean\$4 and (probe near3 pins)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/19 17:08
S56	6	(UV or (ultraviolet)) same clean\$4 same (probe near3 pins)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/19 17:11
S57	4	(UV or (ultraviolet)) same irradiat\$4 same (probe near3 pins)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/19 17:11
S58	191	(UV or (ultraviolet)) same clean\$4 same (circuit near3 boards)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/19 17:14
S59	39	(UV or (ultraviolet)) same clean\$4 same (circuit near3 boards) same (lamp or backlight)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/19 17:37
S60	193	(UV or (ultraviolet) or (black near2 light)) same clean\$4 same (circuit near3 boards)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/19 17:38
S61	2	((black near2 light)) same clean\$4 same (circuit near3 boards)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/19 17:40
S62	3107	(see\$3 or visual\$6 or observ\$4) same (black near2 light)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/19 17:41
S63	1129	(see\$3 or visual\$6 or observ\$4) same (black near2 light) same (material or object or defect)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/19 17:42
S64	65	(see\$3 or visual\$6 or observ\$4) same (black near2 light) same (material or object or defect) same clean\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/19 18:13
S69	1	("6474350").PN.	USPAT	OR	OFF	2007/07/19 18:13